

DERWENT- ACC- NO: 1987-318897

DERWENT- WEEK: 198745

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TITLE: Packaging containers containing copolyester-amide gas barrier interlayer of 2,2'-(1,3-phenylene dioxy) diacetic acid, ethylene glycol and meta-xylylene diamine

PATENT- ASSIGNEE: ANONYMOUS[ANON]

PATENT- FAMILY:

PUB- NO	PUB- DATE	LANGUAGE
RD 282006 A	October 10, 1987	EN

APPLICATION- DATA:

PUB- NO	APPL- DESCRIPTOR	APPL- NO	APPL- DATE
RD 282006A	N/A	1987RD-282006	September 20, 1987

ABSTRACTED- PUB- NO: RD 282006 A

BASIC- ABSTRACT:

Packaging containers are made from a multilayer polymeric laminate containing a gas barrier layer consisting of a copolyester-amide from 2,2'-(1,3-phenylenedioxy) diacetic acid, ethylene glycol and m-xylylene diamine (PEPS), which is made as described in US4501879.

USE/ ADVANTAGE - The multilayer laminates generally have the PEPS layer as a core layer surrounded by outside layers of materials commonly used in the packaging industry such as polyesters, polycarbonates, polyolefins, elastomeric materials, PVC or polystyrenes. The laminates are made e.g. by coextrusion, coinjection, etc., and can be shaped by conventional means into trays, jars, bottles, and other containers for the food and beverage industry, coextruded pipes, etc. having good gas barrier properties. Blends of PEPS with other polymers may also be used in the prodn. of monolayer structures for use in

packaging, or coatings of PEPS can be applied e.g. from methylene chloride soln. to polyester or other containers to provide gas barrier properties.

TITLE- TERMS: PACKAGE CONTAINER CONTAIN CO
POLYESTER AMIDE GAS BARRIER
INTERLAYER DIACETIC ACID ETHYLENE
GLYCOL METAXYLENE AMINE

ADDITIONAL INDEXING- TERMS: PHENYLENE PEG POLYETHYLENE DIOXY

DERWENT- CLASS: A18 A23 A92 Q32

CPI - CODES: A05-E07; A12-P01;

UNLINKED- DERWENT- REGISTRY- NUMBERS: ; 0345U

POLYMER- MULTIPUNCH- CODES- AND- KEY- SERIALS:

Key Serials: 0004 0009 0016 0209 0211 0218 0231 0232 0304 0305
0759 1279 1289 1291 1292 1319 1462 1717 2318 2427
2437 2507 2513 2522 2595 2617 2654 2719 2721 2726
2774 2780 2781 2831 2834 3123 3178 3232 3234 3252
3255

Multipunch Codes: 032 034 038 04- 040 041 046 055 056 061 062 063 141
143 144 147 151 155 157 158 163 166 169 170 171 206
316 332 381 398 415 42- 431 435 443 450 456 461 477
489 502 516 523 54& 540 55& 551 556 57& 575 596
597 600 633 652 676 688 724

SECONDARY- ACC- NO:

CPI Secondary Accession Numbers: 1987-136226

Non- CPI Secondary Accession Numbers: 1987-238370